

Converting Colors

XYZ(26.3452, 35.5644, 40.5980)

Have a look what the booklet for
XYZ(26.3452, 35.5644, 40.5980)
contains.

XYZ(26.3452, 35.5644, 40.5980)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.3452, 35.5644,
40.5980)**

Conversions

Conversions Part 1

Format	Color
Hex	5BAFA4
RGB	91, 175, 164
RGB Percent	36%, 69%, 64%
CMY	0.6431, 0.3137, 0.3569
CMYK	0.48, 0.00, 0.06, 0.31
HSL	172°, 34%, 52%
HSV	172°, 48%, 69%
XYZ	26.3452, 35.5644, 40.5980
YIQ	148.6300, -46.5330, -21.2290

Conversions

Conversions Part 2

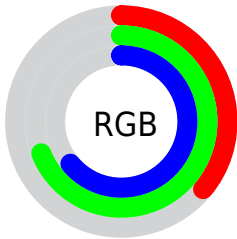
Format	Color
RYB	91, 136, 175
Decimal	6008740
CIELab	66.19, -28.24, -2.25
CIElCh	66, 28.333, 184.556
Yxy	35.5644, 0.2570, 0.3469
Android (android.graphics.Color)	4284198820 (0xFF5BAFA4)
YUV	148.6300, 7.5774, -50.5415
Hunter-Lab	59.6359, -25.5073, 1.3826

Details

The XYZ color **26.3452, 35.5644, 40.5980** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **23.8198, 17.5565, 14.7050**, and the grayscale version is **28.3958, 29.8746, 32.5334**.

A 20% lighter version of the original color is **53.2162, 68.3773, 77.4112**, and **10.4492, 15.3802, 17.7472** is the 20% darker color. If you saturate the color by 10%, you get **24.6122, 34.6956, 39.4467**, and if you desaturate by 10%, it is **28.4862, 36.6449, 41.7894**.

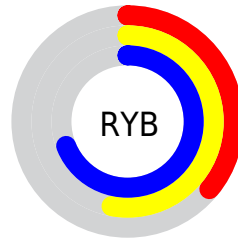
Distribution



Red (36%)

Green (69%)

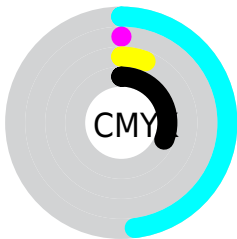
Blue (64%)



Red (36%)

Yellow (53%)

Blue (69%)

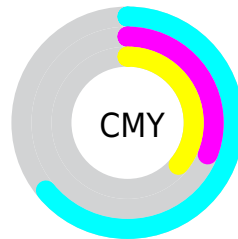


Cyan (48%)

Magenta (0%)

Yellow (6%)

Black (31%)



Cyan (64%)

Magenta (31%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3452, 35.5644, 40.5980 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 26.3452, 35.5644, 40.5980 by changing the saturation by 10% instead.

■ 26.3452, 35.5644,
40.5980

■ 26.3452, 35.5644,
40.5980

276.6983,
327.0526, 364.2644

■ 17.2161, 24.0980,
27.6878

■ 53.2587, 68.3592,
77.3203

■ 10.4849, 15.4063,
17.8534

■ 71.7737, 90.4563,
101.9694

■ 5.7864, 9.1050,
10.6765

■ 94.1482, 116.8659,
131.3686

■ 2.7550, 4.8098,
5.7383

■ 120.7473,
147.9721, 165.9364

■ 1.0256, 2.1361,
2.6204

151.9366,
184.1595, 206.0914

■ 0.0000, 0.6848,
0.9030

188.0812,

■ 0.0000, 0.0000,

225.8125, 252.2520

0.0000

229.5467,
273.3154, 304.8368

■ 26.3452, 35.5644,
40.5980

■ 26.3452, 35.5644,
40.5980

■ 24.6122, 34.6956,
39.4467

■ 28.4862, 36.6449,
41.7894

■ 23.2559, 34.0196,
38.3317

■ 31.0579, 37.9460,
43.0198

■ 22.2450, 33.5214,
37.2521


■ 34.0848, 39.4815,
44.2911


■ 21.5422, 33.1815,
36.2061


■ 37.5887, 41.2623,
45.6045

■ 21.0863, 32.9685,
35.1907


■ 41.5900, 43.2992,
46.9611

 21.0048, 32.9308,
34.9903

 46.1080, 45.6020,
48.3619

 51.1609, 48.1801,
49.8077

 56.7659, 51.0424,
51.2995

 62.9396, 54.1974,
52.8383

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



26.9951, 35.5644, 29.5765



26.3452, 35.5644, 40.5980



27.5534, 35.5644, 53.4498

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.3452, 35.5644, 40.5980



38.6152, 35.5644, 61.1776



37.4087, 35.5644, 21.3074

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



26.3452, 35.5644, 40.5980



23.8198, 17.5565, 14.7050

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



40.9324, 35.5644, 26.9859



26.3452, 35.5644, 40.5980



41.6687, 35.5644, 49.5854

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26.3452, 35.5644, 40.5980



34.4512, 35.5644, 66.8010



42.5498, 35.5644, 36.9078



33.1628, 35.5644, 19.8769

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.3452, 35.5644, 40.5980



29.3141, 35.5644, 60.8976



42.5498, 35.5644, 36.9078



38.7280, 35.5644, 22.7149

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



26.3462, 35.5658, 40.5988



63.2976, 71.8528, 80.1955



22.7216, 34.2532, 15.3123



13.7823, 15.8246, 17.7143



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.3462, 35.5658, 40.5988



43.8047, 61.9995, 70.4417



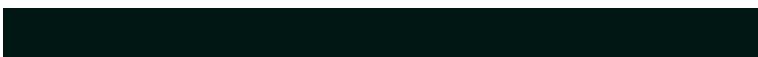
22.0569, 25.3277, 44.2852



8.1905, 9.0538, 10.0282



15.0578, 23.5884, 25.1416



0.4312, 0.6611, 0.7641

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



23.8198, 17.5565, 14.7050



38.7397, 25.7471, 18.4209



26.5037, 23.7405, 13.0838



8.0464, 8.0318, 8.5550



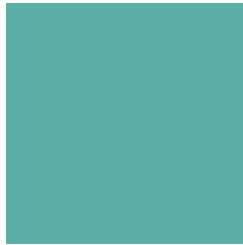
12.7843, 6.5763, 1.2437



0.3687, 0.1882, 0.1032

Previews

White Background



This preview shows how the XYZ color 26.3452, 35.5644, 40.5980 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 26.3452, 35.5644, 40.5980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

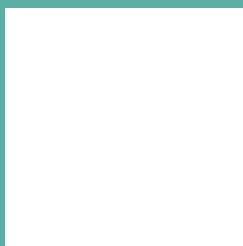
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3452, 35.5644, 40.5980

Background



This preview shows how black text looks on a background with the XYZ color 26.3452, 35.5644, 40.5980.

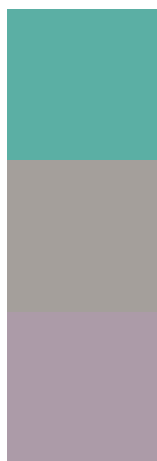


This preview shows how white text looks on a background with the XYZ color 26.3452, 35.5644,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

26.3452, 35.5644, 40.5980

Protanopia

33.6244, 35.0553, 36.0045

Deuteranopia

35.8025, 35.0405, 41.9223



Tritanopia

28.6525, 35.6469, 51.8248

Trichromacy



Original Color

26.3452, 35.5644, 40.5980

Protanomaly

29.9432, 34.6973, 37.4668

Deuteranomaly

31.2231, 34.4703, 41.5670

Tritanomaly

27.6988, 35.5344, 47.5184

Monochromacy



Original Color

26.3452, 35.5644, 40.5980

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

26.9617, 31.3760, 35.2070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3452, 35.5644, 40.5980 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(91, 175, 164)` looks like.

```
.text, #text, p{  
    color:rgb(91, 175, 164)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(91, 175, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 175, 164) }
```

Border

The CSS property to change the border of an element to XYZ 26.3452, 35.5644, 40.5980 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 175, 164) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(91, 175, 164) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(91, 175, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 175, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 175, 164);  
box-shadow:4px 4px 4px 4px rgb(91, 175,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3452, 35.5644, 40.5980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 175, 164) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(91, 175,  
164) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor